

A24344

Leader in Biomolecular Solutions for Life Science



FIt3/CD135 Rabbit mAb

Catalog No.: A24344 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

108kDa/113kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC,ELISA

Cross-Reactivity

Human

CloneNo number

ARC63041

Recommended Dilutions

FC 1:100 - 1:500

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

 www.abclonal.com

Background

This gene encodes a class III receptor tyrosine kinase that regulates hematopoiesis. This receptor is activated by binding of the fms-related tyrosine kinase 3 ligand to the extracellular domain, which induces homodimer formation in the plasma membrane leading to autophosphorylation of the receptor. The activated receptor kinase subsequently phosphorylates and activates multiple cytoplasmic effector molecules in pathways involved in apoptosis, proliferation, and differentiation of hematopoietic cells in bone marrow. Mutations that result in the constitutive activation of this receptor result in acute myeloid leukemia and acute lymphoblastic leukemia.

Immunogen Information

Gene ID

2322

Swiss Prot

P36888

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

FLK2; STK1; CD135; FLK-2; FIt3/CD135

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.